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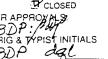
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## ,EG¤G ROCKY FLATS

EG&G ROCKY FLATS, INC. ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

October 11, 1993



93-RF-12589

Ken Heidemann Safety and Security Division DOE, RFO

JUSTIFICATION FOR USE OF BINOCULARS IN THE PROTECTED AREA - BDP-020-93

This letter presents the need for the use of binoculars for conducting ecological field investigations at the Industrial Area Operable Units (IA OUs) (OUs 8, 9, 10, 12, 13, and 14). It also discusses the consequences and problems of not using binoculars in field surveys for birds and larger mammals. Binoculars are listed as standard and necessary field equipment for conducting mammal and bird surveys in EG&G Rocky Flats, Inc. Standard Operating Procedures (SOPs) EE.04, EE.06, and EE.07 (EG&G Rocky Flats Plant, EMAD [Environmental Monitoring and Assessment Division] Ecology SOP, Volume V, May 1991).

Binoculars are essential in field work for the following activities:

- 1. Positive identification of birds and mammals including threatened and endangered species.
- 2. Identification depends on observing body and plumage coloration that cannot be seen with the naked eye and will require the use of binoculars. Noting behavior and foraging habits of the species will be difficult or impossible without binoculars.
- 3. Verification of species present and habitat use during periodic surveys.
- 4. Non-intrusive surveys or stationary point surveys from a distance so the bird or animal is not flushed or disturbed resulting in abnormal behavior.

The problems with not using binoculars are:

- Some types of field investigations (bird surveys, habitat usage) cannot be conducted without binoculars.
- 2. The degree of uncertainty is greatly increased resulting in tentative identifications.
- 3. Results of field surveys are incomplete and take more time to complete.
- 4. There is greater disturbance and habitat disruption and chance of missed documentation with close-in walking surveys.

The subcontractor (RUST Environmental & Infrastructure) supporting the IA OU Environmental Evaluation (EE) field investigation will be performing the work inside the Protected Area and will require escorting support. The uncleared EE field support personnel shall be escorted by an L- or Q-cleared employee.



Ken Heidemann October 11, 1993 93-RF-12589 Page 2

The binoculars used to perform the EE surveys will be government owned, and identified by the appropriate U. S. Department of Energy, Rocky Flats Plant Property Control number.

The IA OUs are requesting the use of binoculars for conducting field investigations at OUs 8, 9, 10, 12, 13 and 14 periodically from October 13, 1993, through November 30, 1993.

If you have any questions, please contact me at extension 8659.

B. D. Peterman

IA OU Lead Project Manager

Remediation Project Management

EG&G Rocky Flats, Inc.

APPROVED:

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BDP:dql

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